



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,476	02/26/2004	Satoshi Yokote	008312-0308492	9309
909	7590	06/14/2005		
PILLSBURY WINTHROP SHAW PITTMAN, LLP P.O. BOX 10500 MCLEAN, VA 22102			EXAMINER DUONG, HUNG V	
			ART UNIT 2835	PAPER NUMBER

DATE MAILED: 06/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

<b>Office Action Summary</b>	Application No. 10/786,476	Applicant(s) YOKOTE ET AL.	
	Examiner Hung v. Duong	Art Unit 2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-17 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-17 is/are allowed.
- 6) ☒ Claim(s) 1,2,4,5 and 11 is/are rejected.
- 7) ☐ Claim(s) 3,6-10,12 and 13 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

*Hung V. Duong*

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/26/04.

- 4) ☐ Interview Summary (PTO-413) **HUNG VAN DUONG**  
Paper No(s)/Mail Date. \_\_\_\_ **PRIMARY EXAMINER**
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2, 4-5, 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Ali et al (US Pat. 6,157,538).

Regarding claims 1-2, 4-5, 11 Ali et al disclose an electronic apparatus comprising: a housing 10 having an outer plate 60, 62; a fixing part 11 provided on the outer plate 60, 62, the fixing part 11 having a holder piece 84, 86 located inside of the housing 10 farther than the outer plate 60, 62; a circuit board 12 housed removably in the housing 10; and a bracket 70 provided on the circuit board 12, and interposed between the circuit board 12 and the outer plate 60, 62, the bracket 70 having a fitting piece 20 held between the outer plate 60, 62 and the holder piece 84, 86, when the circuit board 12 is housed in the housing 10 wherein the holder piece 84, 86 of the fixing part 11 is parallel to the outer plate 60, 62 wherein the housing 10 includes a base having the outer plate 60, 62, and a cover 50 fitting on the base and hiding the circuit board 12 wherein the cover 50 holds the fitting piece 20 in the fixing part 11 by contacting with the fitting piece 20 of the bracket 70.

***Allowable Subject Matter***

3. Claims 3, 6-10, 12-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to show that the fixing part has an edge projecting toward the inside of the housing, and the fitting piece of the bracket butts against the edge when the circuit board is housed in the housing or that the circuit board has a terminal at one end, and an edge facing to the cover at the other end opposite to the terminal; and the housing has a connector to which the terminal of the circuit board is removably connected or that an ejection lever for taking out the circuit board from the housing, the ejection lever having a first end contacting with the outer plate, a second end operated manually, and a middle part supported rotatable by the bracket between the first and second ends; and the circuit board is ejected from the housing taking the first end of the ejection lever as a point of action, when the ejection lever is rotated in the direction of pressing the first end to the outer plate.

4. Claims 14-17 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: as mentioned above.

**Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lée (US Pat 6,226,179) teaches mounting structure of a semiconductor device module for a computer system.

Kim (US Pat. 6,330,150) teaches system for exchanging lamp of LCD.

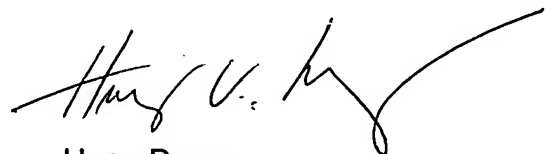
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung v Duong whose telephone number is 571-272-2041. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Field can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HVD

06/09/05.



Hung Duong  
Primary Examiner.